

Work Order ID 151347-1

Friday, September 23, 2016 9:18:02 AM

151347

RustH

Page 1

Item ID: D4441-1

Revision ID:

Item Name: Rubber Seal

Start Date: 9/23/2016 Start Qty: 500.00

Required Date: 9/30/2016 Req'd Qty: 500.00

Reference:

SPLIT-1- Accept

N900040100

Setup Start *NS1*

Stop *NS2*

500

Cust Item ID:

500

Customer:

SEP 23 2016

Approvals:

Process Plan:

DAS

21

Date:

Tooling:

Date:

Run Start

NR1

QC:

9-89

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4441	A								
100		0.00							
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 33755								
	Supplier P#: ZX-2015								
	Possible supplier: Minor Rubber Co., Inc.								
	Material release note is required.								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	1.67							
Packaging									
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									

SEP 23 2016 DAS 13 9-89

500^f Spd 6-27

SEP 23 2016 DAS 38 9-89

DEC 07 2016

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____		
Description Work Order Deviation				Disposition					
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval		
Description Work Order Deviation				Disposition					
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐		OTHER : _____					

Picklist Print

Friday, September 23, 2016 9:18:05 AM

Page 1

Work Order ID: 151347

151347

Parent Item: D4441-1

D4441-1

Parent Item Name: Rubber Seal

Start Date: 9/23/2016

Required Date: 9/30/2016

Start Qty: 500.00

Required Qty: 500.00

Comments: IPP REV:A 11.10.05 new issue DD verf:EC
12.1.23 AS PER REV.A DD VERF:EC

IPP REV:B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
ZX-2015 *7X-2015* Seal		Purchased	No			110	f	0.0000	1	500			
									**	500 F	SP16-12-7.		

DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE

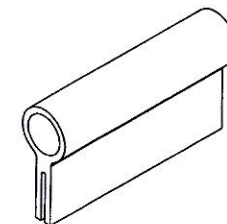
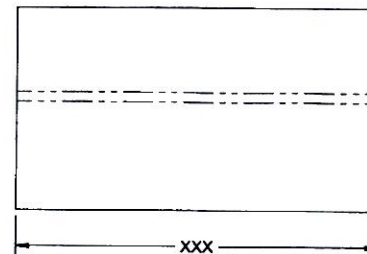
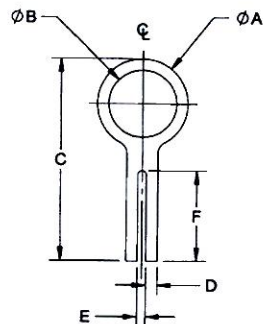


QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor Approval Verification	
				QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY			
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐
Past Expiry Date ☐	Manufacturing Process ☐				
Misidentified ☐	Past Due ☐	OTHER :			

SPECIFICATION CONTROL DRAWING



SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 151347 MJS
16-09-23
2012-01-23

D4441-1-XXX RUBBER SEAL

PART NUMBERING: D4441-1-035

BASIC PART LENGTH IN TENTHS OF AN INCH

EXAMPLE: D4441-1-035 = PART 3.5 INCHES LONG
EXAMPLE: D4441-1-101 = PART 10.1 INCHES LONG

DART PART NUMBER	DESCRIPTION	SUPPLIER PART NUMBER	STYLE NUMBER	SUPPLIER	MATERIAL	DURO	COLOR	A	B	C	D	E	F
D4441-1	SEAL	134619-0	ZX-2015	Minor Rubber Co., Inc.	NEOPRENE	60	BLACK	0.50	0.38	1.13	0.06	0.05	0.50

NOTES:

- 1) MATERIAL: SEE TABLE
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A

A	NEW ISSUE	RF	12.01.17
REV.	DESCRIPTION	BY	DATE
DESIGN	RF		
DRAWN	RF		
CHECKED	<i>[Signature]</i>		
MFG. APPR.	<i>[Signature]</i>		
APPROVED	<i>[Signature]</i>		
DE APPR.	<i>[Signature]</i>		
DATE	12.01.17		

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D4441

REV. A
SHEET 1 OF 1

TITLE
RUBBER SEAL

SCALE
NTS

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Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____			DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Cross tube ☐ Water Jet ☐ Engineering ☐ Machining ☐ Small Fab ☐ Prod. Eng. Coord. ☐ Quality ☐ Thermoforming ☐ Finishing ☐ Rec/Store/Packaging ☐ Other ☐ Large Fab ☐ Composite ☐ Supplier ☐						
Date :		Step #:			QTY Effective :				MRB (QS1042) Approval		
Description Work Order Deviation					Disposition					Completed By	
RETURN TO DEPARTMENT FOR CORRECTION WORK ORDER NO. _____ DATE _____										Lead hand / Supervisor Approval Verification	
										QC / QA Coordinator Approval	
Root Cause Environment ☐ No Re-verification ☐ Design ☐ Operator ☐ Doc/Data ☐ Offset/Setup ☐ Equip/Tooling ☐ Supplier ☐ Handling/Pre ☐ Training ☐ Material ☐ Use for Testing ☐ Internal Transport ☐ Poor Information ☐ Tribal Knowledge ☐ Rushing ☐ LOA ☐ Product Improvement ☐ Substation ☐ Process Improvement ☐ Past Expiry Date ☐ Manufacturing Process ☐ Misidentified ☐ Past Due ☐					FAULT CATEGORY Pressure/Forced ☐ Temperature/Cure ☐ Power Loss/Surge ☐ Positioned Wrong ☐ Bending ☐ Set-up ☐ Folio/Program ☐ Outside Dimensions ☐ Centre Not Concentric ☐ BOM/Route ☐ Grain ☐ Over/Under tolerance ☐ Cracks ☐ Broken/Damage/Defect ☐ Weld ☐ Part Incorrect ☐ Crimp/Kink/Ripple/Wave ☐ Inspection Incomplete/Unqualified ☐ Wrong Stock Pulled ☐ Part Lost/Missing ☐ Cuffs ☐ Contamination ☐ Out of Sequence ☐ Part Moved ☐ Crushing ☐ Countersink ☐ Off-set ☐ Drawing ☐ Heat Treat ☐ Cut Too Short ☐ Mislabelled ☐ Finish ☐ Wave/Twist in Tube ☐ Instructions Incomplete/Unclear ☐ Fit/Function ☐ Misread ☐ Marks/Chatter ☐ Drill Holes ☐ Misaligned/off center ☐ Turning Sequence ☐						
OTHER :											



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33755**

Purchase Order Date 9/23/2016 10:22:13 AM
PO Print Date 9/29/2016

Page Number 1 of 2

Order From :

VU-MIN001

Ship To : DART AEROSPACE LTD

MINOR RUBBER CO. INC.
49 ACKERMAN ST
BLOOMFIELD, NJ 7003
US

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

REVISED \$

Contact Name

Vendor Phone 800 433 6886

Ship To Contact

Ship To Phone

Ship Via: FedEx PI collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

USD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	ZX-2015 AS PER DWG D4441 REV. A B151347 DAS 38 9-88	Seal	11/30/2016 Yes 11/30/2016		500.00 f <i>50 sel</i>	\$2.68	\$1,340.00
						Line Total:	\$1,340.00
2	71401-45 Procurement quality Clauses A005 RIGHT OF ENTRY A015 SHELF LIFE CONTROLLED MATERIAL; 60% SHELF LIFE REQUIRED AT RECEIPT A016 PERSONNEL QUALIFICATION A026 CERTIFICATION OF MATERIAL CONFORMANCE A027 FLAMMABILITY TEST A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS	PROCUREMENT QUALITY CLAUSES	11/30/2016 No 11/30/2016		1.00	\$0.00	\$0.00

Note:

9/29/2016



Minor Rubber Co., Inc.

49 Ackerman Street
Bloomfield, NJ 07003
Phone: (973) 338-6800 Fax: (973) 893-1399

Packing Slip 425935
Minor Order # 237505
Cust P.O. # 33755
Dispatch Date: 12/06/16

C DART AEROSPACE
U 1270 ABERDEEN STREET.
S HAWKESBURY ONTARIO
T , CANADA K6A1K7
O
M
E

S Dart Aerospace
H 1270 ABERDEEN STREET
I HAWKESBURY ONTARIO
P CANADA K6A1K7
T
O

Pick Line#	MR Part# - SKU	Style #	Cust. Part #	Description	Compound	Duro	Color	Qty
*THE INITIAL QUANTITY QUOTED REPRESENTS THE MINIMUM ORDER QUANTITY REQUIRED FOR THIS ITEM. *Prices are based on one run delivery for each quantity quoted. *RMA E2 Precision tolerances apply for all cross-sectional dimensions, where a lesser tolerance or no tolerance is stated for subject item(s). *Visits to the manufacturing sites are not permitted due to proprietary processes that are employed in some product lines. Visits to our NJ facility are permitted where final inspection takes place. Govt related requirements delegated to our resident Govt Qar are allowed. *WE TAKE EXCEPTION TO FLAMMABILITY TESTS. WE ARE NOT ABLE TO PROVIDE THIS TEST REPORT. *DELIVERY NOTE: Approximately 9 to 10 weeks. *ORDER IS NON-CANCELLABLE/NON-RETURNABLE AS THIS IS A NON-STANDARD ITEM.								
17	134619-0	ZX-2015	D4441-1	PER SPEC MIL-R-3065 SC 614 ABEF D4441 REV A	NEOPRENE	60	BLACK	✓

DAS
38
9-89

Sp/6-12-7

CERTIFICATE OF COMPLIANCE

This is to certify that the item(s) stated in the packing list were produced in accordance with the requirements of the above referenced purchase order, subject to any exceptions, modifications or limitations as may have been stated in our quotation and/ or purchase order acknowledgement; one or both of which were previously provided.

David C. Humphrey

President



Minor Rubber Co., Inc.

49 Ackerman Street
Bloomfield, NJ 07003
Phone: (973) 338-6800 Fax: (973) 893-1399

Packing Slip 425935
Minor Order # 237505
Cust P.O. # 33755
Dispatch Date: 12/06/16

C DART AEROSPACE
U 1270 ABERDEEN STREET.
S HAWKESBURY ONTARIO
T , CANADA K6A1K7
O
M
E

S Dart Aerospace
H 1270 ABERDEEN STREET
I HAWKESBURY ONTARIO
P CANADA K6A1K7
T
O

Lot#

Cure Date

50

075370

Dec-16

Country of Origin: United States

SP/6-12-7.

DAS
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9-89

CERTIFICATE OF COMPLIANCE

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David C. Humphrey

President



MINOR RUBBER CO. INC.

NAFTA "LOW VALUE" CERTIFICATE OF ORIGIN STATEMENT

STATEMENT OF ORIGIN FOR COMMERCIAL IMPORTATION OF LESS THAN \$1600.00 CANADIAN

"I certify that the goods referenced in this invoice/sales contract originate under the rules of origin specified for these goods in the North American Free Trade Agreement (NAFTA), and that further production or any other operation outside the territories of the parties has not occurred subsequent to production in the territories."

Name: Tyra Eley

Title: Shipping Clerk

Company: Minor Rubber Co. Inc.

PO NO 33755 REF NO 425935

Description BLACK RUBBER EXTRUSIONS
Status: ☐ EXPORTER ☐ PRODUCER

Country of origin ☒ USA ☐ MEXICO

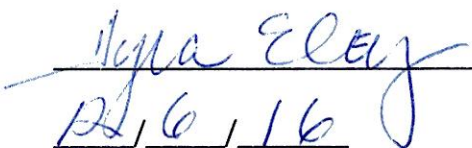
☐ CANADA ☐ CHINA
CUSTOMER: DART AEROSPACE
1270 ABERDEEN STREET
HAWKESBURY ONTARIO CANADA K6A1K7

EXPORTER: Minor Rubber Co. Inc.

TELEPHONE/ FAX: (973) 338-6800 (973) 893-1399

PRINTED NAME: Tyra Eley

TITLE: Shipping Clerk

SIGNATURE: 

DATE: 04/06/16
DAS
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9-86